

Abdul Baseet

ME Banu Mukhtar Contracting(Pvt.) Ltd.(Burj-1 By AJWA Builders)

Test Performed By:

Dr. /Engr. Nauman Khurram

Client Reference: DOC-BMC/AJWA/154

Dated: 07-01-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 518 (Page-1/1)

Dated: 07-01-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.443	6	0.735	0.44	0.424	15.29	19.90	76640	79540	99740	103500	1.40	8.0	17.5	
2	1.449	6	0.736	0.44	0.426	14.58	17.53	73070	75470	87880	90770	1.50	8.0	18.8	
3	1.468	6	0.741	0.44	0.431	14.98	19.85	75110	76680	99480	101560	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Klash Pvt Ltd
Faisalabad.

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

Dated: Nil

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 519 (Page-1/1)

Dated: 07-01-2025

ASTM-A-615

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.667	8	0.999	0.79	0.784	27.73	36.75	77410	78000	102590	103380	1.30	8.0	16.3	
2	2.576	8	0.982	0.79	0.757	24.77	34.73	69160	72170	96960	101180	1.20	8.0	15.0	
3	1.494	6	0.748	0.44	0.439	15.16	19.75	75980	76150	98970	99200	1.30	8.0	16.3	
4	1.497	6	0.748	0.44	0.440	15.65	20.15	78430	78430	101020	101020	1.30	8.0	16.3	
5	0.654	4	0.494	0.20	0.192	6.70	8.89	73850	76930	98020	102110	1.00	8.0	12.5	
6	0.656	4	0.496	0.20	0.193	6.65	8.89	73290	75950	98020	101580	1.20	8.0	15.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk		

Mohsin Abbas

QAQC Manager Zameen Development.(Const. Of Phoenix Project by Zameen Development,Lahore)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: ZD/QAQC/Phoenix/06

Dated: 06-01-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 520 (Page-1/1)

Dated: 07-01-2025

Test Specification: ASTM-A-615

Sample Type: Def. Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.668	8	0.999	0.79	0.784	24.23	33.25	67650	68160	92830	93540	1.50	8.0	18.8	
2	2.673	8	1.000	0.79	0.786	23.77	33.30	66370	66700	92970	93450	1.60	8.0	20.0	
3	1.508	6	0.751	0.44	0.443	13.58	19.83	68060	67600	99380	98710	1.50	8.0	18.8	
4	1.513	6	0.753	0.44	0.445	13.56	19.69	67960	67200	98720	97610	1.60	8.0	20.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Rana Shafqat Rehman Khan
PM Union Developers (Pvt) Ltd.(Const of LMDCTH)

Test Performed By:
Dr. /Engr. Asad Ali Gillani

Client Reference: UA/SO/2025/04
Dated: 07-01-2025
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 521 (Page-1/1)
Dated: 07-01-2025
ASTM-A-615
Deformed Bar (SJ Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.557	6	0.764	0.44	0.458	16.59	20.25	83130	79870	101530	97540	1.40	8.0	17.5	
2	1.547	6	0.761	0.44	0.455	16.13	19.93	80830	78170	99890	96600	1.30	8.0	16.3	
3	0.681	4	0.505	0.20	0.200	7.31	9.50	80600	80600	104770	104770	1.20	8.0	15.0	
4	0.702	4	0.512	0.20	0.206	7.29	9.09	80370	78030	100270	97350	1.30	8.0	16.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 4	Sample bend through 180 degrees Satisfactorily without any crack	
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk		

Muhammad Khalid ZamanRE ECSP Lahore.(Model Cattle Market Shahpur Kanjra,Lahore)

Test Performed By:Dr. /Engr. Asad Ali Gillani

Client Reference:ECSP/MCML/46

SOM LabRef:522 (Page-1/1)

Dated:03-01-2025

Dated:07-01-2025

Test:Tension Test & Bend Test

Test Specification:ASTM-A-615

Gauge Length:8 inch

Sample Type:Deformed Bar (Aziz Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.666	8	0.998	0.79	0.783	23.19	36.54	64740	65320	102020	102930	1.40	8.0	17.5	
2	2.689	8	1.003	0.79	0.790	23.14	36.70	64600	64600	102450	102450	1.40	8.0	17.5	
3	1.479	6	0.744	0.44	0.435	12.35	19.39	61930	62640	97180	98300	1.40	8.0	17.5	
4	1.478	6	0.743	0.44	0.434	12.41	19.34	62190	63040	96930	98270	1.50	8.0	18.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk		

Lahore.(Solarization of MC Office & Disposal Station in Okara City)

Dr. /Engr. Asad Ali Gillani

SOM Lab

Dated: 07-01-2025

Dated: 07-01-2025

Test Specification: ASTM-F-1554

Sample Type: J-Bolt (Plain Bar)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.537	6	0.759	0.44	0.452	12.51	18.98	62700	61030	95140	92610	1.70	8.0	21.3	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Lahore.(Solarization of MC Office & Disposal Station in Okara City)

Dr. /Engr. Asad Ali Gillani

SOM Lab

Dated: 07-01-2025

ASTM-A-615

Test Specification:

Sample Type: Deformed Bar

[illegible]

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:-
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Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Nespak Fsd.(Dual of Fsd Chiniot Srg Rd From Kamalpur Interchange to Tehsil Chowk Chiniot,Fsd)

Nespak Fsd.(Dual of Fsd Chiniot Srg Rd From Kamalpur Interchange to Tehsil Chowk Chiniot,Fsd)

SOM Lab
Ref: 524 (Page-1/1)

Dated: 07-01-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (FF Steel)

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

